

In the claims:

Please cancel claims 1-27 and 45-49, as follows:

1-27. (Cancelled)

28. (Original) A liquid crystal display comprising:

a liquid crystal material sealed between a pair of substrates;

wherein the liquid crystal material comprises fluorine type liquid crystals having negative dielectric constant anisotropy and an alignment assisting material for vertically aligning liquid crystal molecules;

the alignment assisting material comprises a monofunctional monomer and a multifunctional monomer of acrylic resin, acrylate or methacrylate in a mixing ratio by weight in the range from 15:1 to 5:1, and a polymerization initiator which is in a mixing ratio of 2 % or less by weight to the total amount of the monofunctional monomer and the multifunctional monomer; and

the mixing ratio by weight between the liquid crystal material and the alignment assisting material is in the range from 99:1 to 90:10.

29. (Original) A liquid crystal display according to claim 28, wherein the alignment assisting material has photo-curing properties.

30. (Original) A liquid crystal display according to claim 29, wherein the alignment assisting material is cured by light having a wavelength of about 365 nm with an irradiation energy in the range from 6 J/cm² to 50 J/cm².

31. (Original) A liquid crystal display according to claim 29, wherein the alignment assisting material is cured by intensity of 30 mW/cm² or less at least at the beginning of irradiation.

32. (Original) A liquid crystal display according to claim 28, wherein the monofunctional monomer is liquid at the room temperature and under the pressure of the atmosphere.

33. (Original) A liquid crystal display according to claim 28, wherein the purity of the monofunctional monomer and the multifunctional monomer is 98.5 % or more.

34. (Original) A liquid crystal display according to claim 28, wherein the amount of the polymerization initiator is 0 %.

35. (Original) A liquid crystal display according to one of claims 28 to 34, wherein an unreacted residue of the monofunctional monomer exists in the mixed liquid

crystal, and an unreacted residue of the multifunctional monomer and the polymerization initiator is 10 % or less.

36. (Original) A liquid crystal display according to claim 35, wherein the ratio of unreacted part of the monofunctional monomer is 50 % or less.

37. (Previously Presented) A liquid crystal display according to one of claims 28 to 34, wherein either of the pair of substrates has an active element and a color filter layer, and the other substrate is formed with no light-blocking member in a display area thereof.

38. (Original) A liquid crystal display according to claim 37, wherein the other substrate constitutes a surface irradiated with light for curing the alignment assisting material.

39. (Previously Presented) A liquid crystal display according to one of claims 28 to 34, wherein the polymerization initiator exhibits light-absorbing properties in the region of visible light.

40. (Previously Presented) A liquid crystal display according to one of claims 28 to 34, wherein the mixed liquid crystal is injected using a dispenser injection

method, and no liquid crystal injection hole is provided on a seal material for sealing the mixed liquid crystal between the pair of substrates.

41. (Original) A method of manufacturing a liquid crystal display comprising the steps of:

sealing a liquid crystal material between a pair of substrates;

wherein the liquid crystal material comprises fluorine type liquid crystals having negative dielectric constant anisotropy and an alignment assisting material for vertically aligning liquid crystal molecules;

the alignment assisting material comprises a monofunctional monomer and a multifunctional monomer of acrylic resin, acrylate or methacrylate in a mixing ratio by weight in the range from 15:1 to 5:1, and a polymerization initiator which is in a mixing ratio of 2 % or less by weight to the total amount of the monofunctional monomer and the multifunctional monomer;

the mixing ratio by weight between the liquid crystal material and the alignment assisting material is in the range from 99:1 to 90:10; and

curing the alignment assisting material at an interface of the substrates to align the liquid crystal molecules vertically.

42. (Original) A method of manufacturing a liquid crystal display according to claim 41, wherein the mixed liquid crystal is injected using a dispenser injection method.

43. (Previously Presented) A method of manufacturing a liquid crystal display according to claim 41 or 42, wherein the mixed liquid crystal dispensed using the dispenser injection method comprises different materials which are used depending on dispensing positions on the substrates.

44. (Original) A method of manufacturing a liquid crystal display according to claim 43, wherein the dispensed mixed liquid crystal is prepared by dispensing, in combination, at least two among the liquid crystal material alone including no alignment assisting material, a liquid crystal which is a mixture of the liquid crystal material and the monofunctional monomer, a liquid crystal which is a mixture of the liquid crystal material and the bifunctional monomer, a liquid crystal which is a mixture of the liquid crystal material, the monofunctional monomer, and the bifunctional monomer and a liquid crystal which is a mixture of the liquid crystal material and the polymerization initiator.

45-49. (Cancelled)